



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBT18582
Job Sheet 171373



000915

Part No: RBT18582

Job Qty: 6 ea

Part Name: T/R G/B Torque Adapter



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/31/18

Job Tracking No:

Due Date: 2/9/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBT18582 Rev1 IPP Rev A 17.11.28 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		2/8/18	0.00	0.00	Start Up Small Fab-4		MLL
95	HandFinish	6 pcs		2/8/18	0.00	0.60	HandFinish7		BEB 18-02-15
100	Small Fab	6 pcs		2/8/18	0.00	1.20	Small Fab-9		MLL - DAS
110	QC	6 pcs		2/8/18	0.00	0.00	QC5		38
120	Large Fab	6 pcs		2/9/18	0.00	3.00	Large Fab 1		CPL 9-89
140	QC	6 pcs		2/9/18	0.00	0.00	QC9		BE
180	Outsource	6 pcs		2/9/18	0.00	0.00	Outsource13		ATV 3/01
190	Packaging	6 pcs		2/9/18	0.00	0.00	Packaging2		ATV 8/03/11
200	QC	6 pcs		2/9/18	0.00	0.00	QC6		38
210	Packaging	6 pcs		2/9/18	0.00	0.00	Packaging3-1		6 MAR 13 2018
220	QC21-FG	6 Ea		2/9/18	0.00	0.00	QC21		6-89 GA145

Part Op 95 - Bead blast remove all chrome

Descriptions: 100 - 1-HEAT and form wrench as per DWG using press. 2-Cut off excess wrench and finish end as per DWG.

120 - 1-Weld socket as per DWG note 1 2-Clean up welds using wire wheel

180 - Issue P/O to Groupe Altech: P/O 039090 -Zinc plate, ASTM B633 TYPE 1 SC2 -Certificate of Conformity is required

210 - Bag and tag

FEB 22 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
84504158	Wrench	6 Ea (1 ea)	90-Start up Operation	
RBT18582-5	Socket, Modified	6 Ea (1 ea)	120-Large Fab	5043788

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	84504158	6	24	0
120-Large Fab	RBT18582-5	6	7	0

Part Specifications

Specifications could not be found.

QA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																							
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval																																																					
Job No: 171373 Mfg Date: 02/15/18 Packaging Operation: Revision: Serial No/Batch: S042581 PART NO: RBT18582 Change No: T/R G/B Torque Adapter Countersink Cut Too Short Instructions Incomplete/Unclear Drill Holes ss/Surge gram ick Pulled Out of Sequence Off-set Mislabeled Fit/Function Misaligned/off center																																																									
Description Work Order Deviation				Completed By																																																					
				Lead hand / Supervisor Approval Verification																																																					
				QC / QA Coordinator Approval																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> </tr> </thead> <tbody> <tr> <td style="width:15%;">Environment</td> <td style="width:15%;">☐</td> <td style="width:15%;">No Re-v</td> <td style="width:15%;">☐</td> </tr> <tr> <td>Design</td> <td>☐</td> <td>Operate</td> <td>☐</td> </tr> <tr> <td>Doc/Data</td> <td>☐</td> <td>Offset/S</td> <td>☐</td> </tr> <tr> <td>Equip/Tooling</td> <td>☐</td> <td>Supplier</td> <td>☐</td> </tr> <tr> <td>Handling/Pre</td> <td>☐</td> <td>Training</td> <td>☐</td> </tr> <tr> <td>Material</td> <td>☐</td> <td>Use for T</td> <td>☐</td> </tr> <tr> <td>Internal Transport</td> <td>☐</td> <td>Poor Info</td> <td>☐</td> </tr> <tr> <td>Tribal Knowledge</td> <td>☐</td> <td>Rushing</td> <td>☐</td> </tr> <tr> <td>LOA</td> <td>☐</td> <td>Product Improvement</td> <td>☐</td> </tr> <tr> <td>Substation</td> <td>☐</td> <td>Process Improvement</td> <td>☐</td> </tr> <tr> <td>Past Expiry Date</td> <td>☐</td> <td>Manufacturing Process</td> <td>☐</td> </tr> <tr> <td>Misidentified</td> <td>☐</td> <td>Past Due</td> <td>☐</td> </tr> </tbody> </table>						Root Cause				Environment	☐	No Re-v	☐	Design	☐	Operate	☐	Doc/Data	☐	Offset/S	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for T	☐	Internal Transport	☐	Poor Info	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐
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BLANKET PURCHASE ORDER PO039090

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
			-Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required							
Line Item Note Parts made from T-4140										
	170597			Firmed	3/1/18	6 pcs	0 pcs	6 pcs	\$1.05/pcs	\$6.30
Sub Total:						6	0	6		\$6.30
8		RBE350A93-3303-02-7	Stud Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	-		0 pcs	0 pcs	0 pcs	\$1.79/pcs	
Line Item Note parts made from Black Oxide Steel										
	170598			Firmed	3/1/18	20 pcs	0 pcs	20 pcs	\$1.79/pcs	\$35.80
Sub Total:						20	0	20		\$35.80
9		RBEM12669/P-1-03	Hoisting Tool Handle -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 1 SC2 -Certificate of Conformity is required	-		0 pcs	0 pcs	0 pcs	\$9.00/pcs	
Line Item Note parts made from 4140										
10		RBT18560-5	Screw -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	-		0 pcs	0 pcs	0 pcs	\$1.89/pcs	
Line Item Note parts made from Grade B7 Medium-strength Steel										
	170702			Firmed	3/1/18	6 pcs	0 pcs	6 pcs	\$1.89/pcs	\$11.34
Sub Total:						6	0	6		\$11.34
11		RBT18582	T/R G/B Torque Adapter -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 1 SC2	-		0 pcs	0 pcs	0 pcs	\$9.00/pcs	



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Items										
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	171373		-Certificate of Conformity is required							
				Firmed	3/1/18	6 pcs	6 pcs	6 pcs	\$9.00/pcs	\$54.00
						6	0	6		\$54.00
12		C45-4-5	Loadbeam Spacer -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-.0006 -Certificate of Conformity is required	-		0 pcs	0 pcs	0 pcs	\$6.00/pcs	
Line Item Note parts made from AISI 4140 Quenched & Tempered Steel Round Bar										
Grand Total:										\$201.85

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/8/18 11:13 AM dart.baker.diane

12/13



Certificat de Conformité / Certificate of Compliance

(007034-2)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

007034 - 2

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courtier / Acc. No.		Bon de commande Client Customer Purchase Order No.			
07-Mar-2018		Aman			PO039090			
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBE350A94-3700-C-01 Rev.	RBE350A94-3700-C-01 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	18	18	0	0	0
2	RBE350A94-3700-A-03 Rev.	RBE350A94-3700-A-03 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	24	24	0	0	0
3	RBE350A94-3700-C-09 Rev.	RBE350A94-3700-C-09 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	10	10	0	0	0
4	RBE350A94-3700-C-03 Rev.	RBE350A94-3700-C-03 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	9	9	0	0	0
5	RBST2120-9 Rev.	RBST2120-9 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	4	4	0	0	0
6	RBST1007-9 Rev.	RBST1007-9 BLACK OXIDE FINISH, MIL-C-13924C CLASS 1	BLACK-OXIDE CH	4	4	0	0	0
7	RBE350A93-3303-02-5 Rev.	RBE350A93-3303-02-5 01 - BLACK OXIDE ON SST MIL-DTL-13924D BLACK OXIDE FINISH, MIL-C-23942C, CLASS 1	BLACK-OXIDE CH	6	6	0	0	0
8	RBE350A93-3303-02-7 Rev.	RBE350A93-3303-02-7 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	20	20	0	0	0
10	RBT18560-5 Rev.	RBT18560-5 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	6	6	0	0	0
11	RBT18582 Rev.	RBT18582 ZINC PLATE, ASTM B633 TYPE 1 SC2	ZINC CH	6	6	0	0	0
13	RBE350A94-3700-C-09 Rev.	RBE350A94-3700-C-09 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	18	18	0	0	0



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Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courrier / Acc. No.		Bon de commande Client Customer Purchase Order No.			
07-Mar-2018		Aman			PO039090			
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.